

From: [Belcourt, Jamie](#)
To: ["Meagan Garrett"](#)
Subject: ARP001025 - Hino Motors - June 2022 Semiannual Pretreatment Report
Date: Monday, August 8, 2022 1:05:29 PM
Attachments: [image003.png](#)
Importance: High

Hello,

Thank you for Hino Motors' semiannual pretreatment report submission for June 2022. This report was received, reviewed, and deemed complete with the reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Metal Finishing standards in 40 CFR 433.17.

However, the OWQ did notice issues with sampling procedures and holding times on the chain of custody and analytical report documentation that was submitted. Specifically, the sample was taken on June 30, 2022 and was received in the laboratory for analysis on the same date. Analysis was not conducted for seven (7) of the analytes (cadmium, chromium, copper, lead, nickel, silver, and zinc) until July 7, 2022, and analysis for cyanide was not conducted until July 12, 2022. This is a period of seven (7) days for the aforementioned seven (7) analytes and thirteen (13) days for cyanide, following sample collection. In addition, when the sample was received at the laboratory for analysis it did not contain a custody seal on the sample bottle or the shipping container.

In the future, please ensure that a collected sample(s) is/are analyzed as soon as possible. In addition, please be sure to follow proper sampling procedures and ensure that custody seals are intact. Future instances of noncompliance with the procedures set forth in 40 CFR Part 136 may result in enforcement action.

Please reply to this email to let me know that you have received it.

If you have any questions or concerns, or if I can be of any assistance, please do not hesitate to reach out.

Thank you,

Jamie Belcourt | Pretreatment Coordinator

Division of Environmental Quality | Office of Water Quality

5301 Northshore Drive | North Little Rock, AR 72118

t: 501.682.0858 | e: jamie.belcourt@adeq.state.ar.us



SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433

Use of this form is not an ADEQ requirement, but satisfies the reporting requirements in 40 CFR 403.12(e).

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION and NPDES Pretreatment Tracking # ARP00

A. LEGAL NAME & MAILING ADDRESS

B. FACILITY & LOCATION ADDRESS

Hino motors manufacturing
100 Hino Blvd
Marion AR 72304

Same

C. FACILITY CONTACT:

TELEPHONE NUMBER:

E-MAIL:

meagan garrett

911 849 3040

meagan.garrett@hmmusa.com

(2) REPORTING PERIOD--FISCAL YEAR From

to

(Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

B. PERIOD COVERED BY THIS REPORT

June & Dec

FROM: 1/2022 TO: 6/2022

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating (conversion)
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

n/a

B. CHANGES:

SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

no changes since last report

*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

C. Number of Regular Employees at this Facility

980

D. [Reserved]

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Ancillary)	9000		month
Regulated (Cyanide)			
'403.6(e) Unregulated*			
'403.6(e) Dilute			
Cooling Water			
Sanitary	20g per person		Continuous
Total Flow to POTW	29600		Continuous

*If batch discharged please list the period of time of each batch discharge (300 gallons/day; 500 gallons/week, 2,000 gallons/3 months, etc). Do not normalize over that period for the average flow.
 **"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other filter press

B. COMMENTS ON TREATMENT SYSTEM

Process waste is not mixed with sanitary waste at the time of metering

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES--CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

40 CFR 433.17 Pollutant(mg/l) limits	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Avg	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	.002	.005	.0056	.000	.0314	.0050	.0406	.005	*
Avg Measured**									*

Sample Location pre treatment discharge tank

Sample Type (Grab* or Composite) grab

*If Grab, list # of grabs over what period of time

Number of Samples and Frequency Collected 1 sample taken semi annual

40CFR136 Preservation and Analytical Methods Use: Yes No (include complete Chain of Custody)

*If a TOMP has been submitted and approved by ADEQ place N/A.

**A value here is the average of all samples taken during one (1) calendar month regardless of number of

samples taken. If only one (1) sample is taken it must meet the monthly average limitation.

(6) CERTIFICATION (ONLY IF A TOMP HAS BEEN SUBMITTED/APPROVED BY ADEQ)

B. CHECK ONE: **G '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED** **G '433.12(a) TTO CERTIFICATION**

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

(Typed/Printed Name)

(Corporate Officer or authorized representative signature)

Date of Signature _____

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

'6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.—The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices including Best or Environmental Management Practices, Source Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservaton:

1. _____
2. _____
3. _____
4. _____
5. _____

(8) GENERAL COMMENTS

(9) SEMI-ANNUAL/PERIODIC REPORT CERTIFICATION STATEMENT REQUIRED UNDER 40 CFR 403.12(I)

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Gareth Jolly
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

[Signature]
SIGNATURE

SVP, Plant manager
OFFICIAL TITLE

8/4/22
DATE SIGNED

7/13/2022

Safety-Kleen
Mr. Thomas Stanfield
3536 Fite Road
Millington, TN, 38053

Ref: Analytical Testing
Lab Report Number: 22-182-0023
Client Project Description: Hino Semi-annual Testing
Project # 63022

Dear Mr. Thomas Stanfield:

Waypoint Analytical, LLC. received sample(s) on 6/30/2022 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

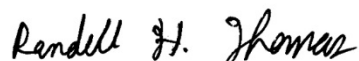
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.



Certification Summary

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2023
Arkansas	State Program	88-0650	02/07/2023
California	State Program	2904	06/30/2023
Florida	State Program - NELAP	E871157	06/30/2023
Georgia	State Program	C044	02/18/2023
Georgia	State Program	04015	06/30/2023
Illinois	State Program - NELAP	200078	10/10/2022
Kentucky	State Program	80215	06/30/2022
Kentucky	State Program	KY90047	12/31/2022
Louisiana	State Program - NELAP	LA037	12/31/2022
Louisiana	State Program - NELAP	04015	06/30/2023
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	415	12/31/2022
Pennsylvania	State Program - NELAP	68-03195	05/31/2023
South Carolina	State Program	84002	06/30/2022
Tennessee	State Program	02027	02/11/2023
Texas	State Program - NELAP	T104704180	09/30/2022
Virginia	State Program	00106	06/30/2023
Virginia	State Program - NELAP	460181	09/14/2022



Sample Summary Table

Report Number: 22-182-0023
Client Project Description: Hino Semi-annual Testing
Project # 63022

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
87017	Semi-annual Wastewater	Aqueous	06/30/2022 14:00	06/30/2022



Client: Safety-Kleen
Project: Hino Semi-annual Testing
Lab Report Number: 22-182-0023
Date: 7/13/2022

CASE NARRATIVE

Organochlorine Pesticides Method 608.3

Sample 87017 (Semi-annual Wastewater)

Analyte: Decachlorobiphenyl

QC Batch No: L626518/L624976

Surrogate(s) were flagged for recoveries in the associated project sample. During the extraction step, the extraction technician noted that a significant emulsion formed. Batch QC samples (Method Blank and Laboratory Control Samples) all showed surrogate recoveries within QC limits, indicating that the biased recoveries were due to the sample matrix.

Organochlorine Pesticides and PCBs Method 608.3 (PCB)

Sample 87017 (Semi-annual Wastewater)

Analyte: Decachlorobiphenyl

QC Batch No: L625404/L624982

Surrogate(s) were flagged for recoveries in the associated project sample. During the extraction step, the extraction technician noted that a significant emulsion formed. Batch QC samples (Method Blank and Laboratory Control Samples) all showed surrogate recoveries within QC limits, indicating that the biased recoveries were due to the sample matrix.

Volatile Organic Compounds - GC/MS Method 624.1

Sample 87017 (Semi-annual Wastewater)

QC Batch No: L625737/L625722

The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

GC/MS Dioxin Screen Method 625 Method 625 Screen

Sample 87017 (Semi-annual Wastewater)

QC Batch No: L626500/L625334

The sample was diluted due to the nature of the sample matrix. Reporting limits have been adjusted accordingly.

Semivolatile Organic Compounds - GC/MS Method 625.1

Sample 87017 (Semi-annual Wastewater)

QC Batch No: L625723/L625561

The sample was diluted due to the nature of the sample matrix. Reporting limits have been adjusted accordingly.

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project # 63022

Report Date : 07/13/2022

Received : 06/30/2022

Report Number : **22-182-0023**

REPORT OF ANALYSIS

Lab No : **87017**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **6/30/2022 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.005	mg/L	0.005	1	07/12/22 10:51	FMM	4500CNE-2016
Cadmium	<0.0020	mg/L	0.0020	1	07/07/22 23:35	TJS	EPA-200.7
Chromium	<0.0050	mg/L	0.0050	1	07/07/22 23:35	TJS	EPA-200.7
Copper	0.0058	mg/L	0.0050	1	07/07/22 23:35	TJS	EPA-200.7
Lead	<0.0060	mg/L	0.0060	1	07/07/22 23:35	TJS	EPA-200.7
Nickel	0.0314	mg/L	0.0050	1	07/07/22 23:35	TJS	EPA-200.7
Silver	<0.0050	mg/L	0.0050	1	07/07/22 23:35	TJS	EPA-200.7
Zinc	0.0406	mg/L	0.0200	1	07/07/22 23:35	TJS	EPA-200.7

**Qualifiers/
Definitions**

* Outside QC Limit
MQL Method Quantitation Limit

DF Dilution Factor

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project # 63022

Report Date : 07/13/2022

Received : 06/30/2022

Report Number : **22-182-0023**

REPORT OF ANALYSIS

Lab No : **87017**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **6/30/2022 14:00**

Analytical Method: 608.3 **Prep Batch(es):** **L624976** 07/05/22 13:40

Prep Method: 608.3

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
alpha-BHC	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
beta-BHC	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
delta-BHC	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Chlordane	<0.200	µg/L	0.200	10	07/12/22 01:59	VIC	L626518
4,4'-DDD	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
4,4'-DDE	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
4,4'-DDT	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Dieldrin	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Endosulfan I	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Endosulfan II	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Endosulfan Sulfate	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Endrin	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Endrin Aldehyde	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
gamma-BHC	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Heptachlor	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Heptachlor Epoxide	<0.0400	µg/L	0.0400	10	07/12/22 01:59	VIC	L626518
Toxaphene	<0.300	µg/L	0.300	10	07/12/22 01:59	VIC	L626518
Surrogate: Decachlorobiphenyl	12.0 *		Limits: 34-116%	10	07/12/22 01:59	VIC	L626518
Surrogate: Tetrachloro-m-xylene	28.7		Limits: 25-123%	10	07/12/22 01:59	VIC	L626518

Qualifiers/Definitions	*	Outside QC Limit	DF	Dilution Factor
	ML	Method Quantitation Limit		

05140

Safety-Kleen
 Mr. Thomas Stanfield
 3536 Fite Road
 Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project # 63022

Report Date : 07/13/2022
 Received : 06/30/2022

Report Number : **22-182-0023**

REPORT OF ANALYSIS

Lab No : **87017**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **6/30/2022 14:00**

Analytical Method: 608.3 (PCB) **Prep Batch(es):** L624982 07/05/22 13:40

Prep Method: EPA-608.3 (PCB PREP)

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.200	µg/L	0.200	1	07/06/22 01:35	NFP	L625404
Aroclor 1221	<0.200	µg/L	0.200	1	07/06/22 01:35	NFP	L625404
Aroclor 1232	<0.200	µg/L	0.200	1	07/06/22 01:35	NFP	L625404
Aroclor 1242	<0.200	µg/L	0.200	1	07/06/22 01:35	NFP	L625404
Aroclor 1248	<0.200	µg/L	0.200	1	07/06/22 01:35	NFP	L625404
Aroclor 1254	<0.200	µg/L	0.200	1	07/06/22 01:35	NFP	L625404
Aroclor 1260	<0.200	µg/L	0.200	1	07/06/22 01:35	NFP	L625404
Surrogate: Decachlorobiphenyl	13.0 *		Limits: 25-125%	1	07/06/22 01:35	NFP	608.3 (PCB)
Surrogate: Tetrachloro-m-xylene	25.6		Limits: 25-125%	1	07/06/22 01:35	NFP	608.3 (PCB)

Analytical Method: 624.1 **Prep Batch(es):** L625722 07/07/22 09:15

Prep Method: 624.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<200	µg/L	200	10	07/07/22 14:09	MKD	L625737
Acrylonitrile	<200	µg/L	200	10	07/07/22 14:09	MKD	L625737
Benzene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Bromodichloromethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Bromoform	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Bromomethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Carbon Tetrachloride	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Chlorobenzene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Chlorodibromomethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737

Qualifiers/Definitions * Outside QC Limit
 MQ Method Quantitation Limit

DF Dilution Factor

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project # 63022

Report Date : 07/13/2022

Received : 06/30/2022

Report Number : **22-182-0023**

REPORT OF ANALYSIS

Lab No : **87017**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **6/30/2022 14:00**

Analytical Method: 624.1

Prep Batch(es): **L625722** 07/07/22 09:15

Prep Method: 624.1

Test	Results	Units	SQL	DF	Date / Time Analyzed	By	Analytical Batch
Chloroethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
2-Chloroethylvinyl Ether	<50.0	µg/L	50.0	10	07/07/22 14:09	MKD	L625737
Chloroform	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Chloromethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,2-Dichlorobenzene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,3-Dichlorobenzene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,4-Dichlorobenzene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,1-Dichloroethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,2-Dichloroethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,1-Dichloroethene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
cis-1,2-Dichloroethene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
trans-1,2-Dichloroethene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,2-Dichloroethene (Total)	<10.0	µg/L	10.0	10	07/07/22 14:09		L625737
1,2-Dichloropropane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
cis-1,3-Dichloropropene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
trans-1,3-Dichloropropene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,3-Dichloropropene (Total)	<10.0	µg/L	10.0	10	07/07/22 14:09		L625737
Ethylbenzene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Methylene Chloride	<100	µg/L	100	10	07/07/22 14:09	MKD	L625737
1,1,1,2-Tetrachloroethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
1,1,2,2-Tetrachloroethane	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737
Tetrachloroethene	<10.0	µg/L	10.0	10	07/07/22 14:09	MKD	L625737

**Qualifiers/
Definitions**

* Outside QC Limit
MQL Method Quantitation Limit

DF Dilution Factor

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project # 63022

Report Date : 07/13/2022

Received : 06/30/2022

Report Number : **22-182-0023**

REPORT OF ANALYSIS

Lab No : **87017**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **6/30/2022 14:00**

Analytical Method: 625.1 **Prep Batch(es):** **L625561** 07/07/22 13:00

Prep Method: 625.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzidine	<200	µg/L	200	10	07/08/22 04:25	SMB	L625723
Benzo(a)anthracene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Benzo(a)pyrene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Benzo(b)fluoranthene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Benzo(g,h,i)perylene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Benzo(k)fluoranthene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Bis(2-Chloroethoxy)methane	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Bis(2-Chloroethyl)ether	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Bis(2-Chloroisopropyl)ether	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Bis(2-ethylhexyl)phthalate	<100	µg/L	100	10	07/08/22 04:25	SMB	L625723
4-Bromophenyl phenyl ether	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Butyl benzyl phthalate	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
4-Chloro-3-methylphenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
2-Chloronaphthalene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
2-Chlorophenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
4-Chlorophenyl phenyl ether	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Chrysene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Dibenz(a,h)anthracene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
1,2-Dichlorobenzene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
1,3-Dichlorobenzene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
1,4-Dichlorobenzene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
3,3'-Dichlorobenzidine	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723

**Qualifiers/
Definitions**

* Outside QC Limit
 * MQL Method Quantitation Limit

DF Dilution Factor

05140

Safety-Kleen
 Mr. Thomas Stanfield
 3536 Fite Road
 Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project # 63022

Report Date : 07/13/2022
 Received : 06/30/2022

Report Number : **22-182-0023**

REPORT OF ANALYSIS

Lab No : **87017**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **6/30/2022 14:00**

Analytical Method: 625.1 **Prep Batch(es):** **L625561** 07/07/22 13:00

Prep Method: 625.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
2,4-Dichlorophenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Diethyl phthalate	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Dimethyl phthalate	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
2,4-Dimethylphenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Di-n-butyl phthalate	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
4,6-Dinitro-2-methylphenol	<100	µg/L	100	10	07/08/22 04:25	SMB	L625723
2,4-Dinitrophenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
2,4-Dinitrotoluene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
2,6-Dinitrotoluene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Di-n-Octyl Phthalate	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
1,2-Diphenylhydrazine/Azobenzene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Fluoranthene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Fluorene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Hexachlorobenzene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Hexachlorobutadiene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Hexachlorocyclopentadiene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Hexachloroethane	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Indeno(1,2,3-cd)pyrene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Isophorone	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Naphthalene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Nitrobenzene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
2-Nitrophenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723

**Qualifiers/
 Definitions**

* Outside QC Limit
 MQL Method Quantitation Limit

DF Dilution Factor

05140

Safety-Kleen

Mr. Thomas Stanfield

3536 Fite Road

Millington , TN 38053

Project Hino Semi-annual Testing

Information : Project # 63022

Report Date : 07/13/2022

Received : 06/30/2022

Report Number : **22-182-0023**

REPORT OF ANALYSIS

Lab No : **87017**

Matrix: **Aqueous**

Sample ID : **Semi-annual Wastewater**

Sampled: **6/30/2022 14:00**

Analytical Method: 625.1 **Prep Batch(es):** L625561 07/07/22 13:00

Prep Method: 625.1

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Batch
4-Nitrophenol	<100	µg/L	100	10	07/08/22 04:25	SMB	L625723
N-Nitrosodimethylamine	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
N-Nitrosodiphenylamine	<100	µg/L	100	10	07/08/22 04:25	SMB	L625723
N-Nitroso-di-n-propylamine	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Pentachlorophenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Phenanthrene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
Phenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Pyrene	<20.0	µg/L	20.0	10	07/08/22 04:25	SMB	L625723
1,2,4-Trichlorobenzene	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
2,4,6-Trichlorophenol	<50.0	µg/L	50.0	10	07/08/22 04:25	SMB	L625723
Surrogate: 2-Fluorobiphenyl	51.0		Limits: 30-107%	10	07/08/22 04:25	SMB	L625723
Surrogate: 2-Fluorophenol	19.1		Limits: 8-88%	10	07/08/22 04:25	SMB	L625723
Surrogate: Nitrobenzene-d5	47.9		Limits: 29-105%	10	07/08/22 04:25	SMB	L625723
Surrogate: Phenol-d6	13.3		Limits: 7-58%	10	07/08/22 04:25	SMB	L625723
Surrogate: 4-Terphenyl-d14	75.4		Limits: 30-130%	10	07/08/22 04:25	SMB	L625723
Surrogate: 2,4,6-Tribromophenol	47.6		Limits: 16-138%	10	07/08/22 04:25	SMB	L625723

**Qualifiers/
Definitions**

* Outside QC Limit
 MQ Method Quantitation Limit

DF Dilution Factor

Shipment Receipt Form

Customer Number: **05140**

Customer Name: **Safety-Kleen**

Report Number: **22-182-0023**

Shipping Method

<input type="radio"/> Fed Ex	<input type="radio"/> US Postal	<input type="radio"/> Lab	<input type="radio"/> Other :	<input type="text"/>
<input type="radio"/> UPS	<input checked="" type="radio"/> Client	<input type="radio"/> Courier	Thermometer ID:	<input type="text" value="T137"/>

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Water - VOA vials free of headspace	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)		<input type="checkbox"/> Low concentration EnCore samplers (48 hr)	
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)		<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)	
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:



Kit ID:	185203
Initiated By:	Randy Thomas
Initiated Date:	6/14/2022
Project Comment	

CHAIN-OF-CUSTODY



Safety-Kleen
 Hino Semi-annual Testing

22-182-0023
 05140
 07-01-2022
 09:55:17

Company Name Safety-Kleen	Company Number 05140	Client Project Manager/Contact Safety-Kleen	Purchase Order Number 0000619330
Site Name Hino Semi-annual	Project Number 63022	<input type="checkbox"/> RUSH - Additional charges apply <input type="checkbox"/> Special Detection Limits(s) Date Results Needed	Method of Shipment <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other
LIMS Project ID Safety-Kleen - Hino Semi-annual Testing	Project Manager Phone # 901-208-4347	Project Manager Email thomas.stanfield@safety-kleen.com	Site/Facility ID # m/1

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
6-30	2:00 ^{PM}	Field pH = 8.2	Aqueous	G	0	NA	NONE	Field pH
6-30	2:00 ^{PM}	WW Effluent	Aqueous	G	3	Glass Vial Amber - 40ml	HCL - Hydrochloric Acid	624 - TTO - VOC
6-30	2:00 ^{PM}	WW Effluent	Aqueous	G	3	Glass Amber - Liter	Na2S2O3 - Sodium Thiosulfate	625, 608 - TTO - SVOC, PCB, Pesticides
6-30	2:00 ^{PM}	WW Effluent	Aqueous	G	1	Glass Amber - Liter	NONE	625 - TTO - Dioxin Screen
6-30	2:00 ^{PM}	WW Effluent	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	4500CNE - CNT
6-30	2:00 ^{PM}	WW Effluent	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	200.7 - Cd, Cr, Cu, Pb, Ni, Ag, Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments				
Ice Y/N	Custody Seals Y/N	Lab Comments	Thomas Stanfield					
			Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date	Time
			Relinquished by: (SIGNATURE)					
			Relinquished by: (SIGNATURE)					
Blank/Cooler Temp 1.1 A15 +137						Emily Peterson 6/30/22		